

TRIPPLICATE

Land Office UTAH
Lease No. 09834
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUN 13 1955

NOTICES AND REPORTS ON WELLS



- SUBSEQUENT REPORT OF WATER SHUT-OFF
- SUBSEQUENT REPORT OF STOPPING OR ACTIVATING
- SUBSEQUENT REPORT OF ALTERING CASING
- SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
- SUBSEQUENT REPORT OF ABANDONMENT
- SUPPLEMENTARY WELL HISTORY

ALTER CASING

NOTICE OF INTENTION TO ABANDON WELL

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 23, 1955

Well No. 1 is located 990 ft. from N line and 600 ft. from W line of sec. 6

Lot 4 (NW/4) Sec. 6 21 SOUTH 23 EAST SALT LAKE
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
NW C1800 (wildcat) GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

A 2500' ENTRADA TEST
10-3/4" @ 150' (SURFACE PIPE CEMENTED TOP TO BOTTOM)
5-1/2" PRODUCTION STRING

A PROPOSED TEST TO THE TOP OF THE ENTRADA SAND. WILL ALSO EXAMINE AND TEST SANDS AT ± 1500' AND ALL MERRISON SANDS ± 1500'-2000'. IF WATER AND/OR GAS IS FOUND IN UPPER LENSES AN 8" INTERMEDIATE STRING WILL BE RUN.

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXAS OIL COMPANY

Address 202 SOUTH GAST BULLDOGS

HOUSTON, TEXAS

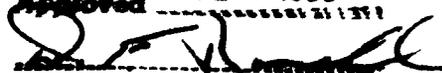
By E. Z. Holmbe

Title GEOLOGIST

FEDERAL LAND

CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash, and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and ~~when available~~ two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, D. F. Russell, 306 Federal Bldg., Salt Lake City 1, Utah Phons: 4-2552, Ext. 433, shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

Approved JUN 13 1955

District Engineer

1955 JUN 13 11 05

RECEIVED
SUPERVISOR OF OIL AND GAS OPERATIONS:
LAND & SURVEY
SALT LAKE CITY, UTAH



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH
SERIAL No.: 09834

and hereby designates

NAME: **TEMM OIL COMPANY**
ADDRESS: **902 SOUTH COAST BUILDING, HOUSTON, TEXAS**

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 21 SOUTH, RANGE 23 EAST

SECTION 6: LOT 4 (NW1/4NW1/4)

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

x Joseph P. Suran
(Signature of lessee)

MAY 23, 1955
(Date)

P. O. Box 66, Casper, Wyoming
(Address)

ORIGINAL FORWARDED TO CASPER
Copy " BTM, S.L.C.

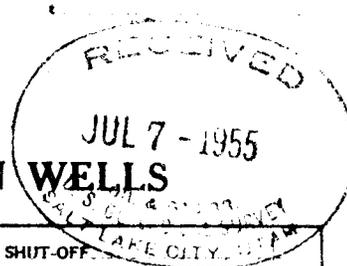


COPIES IN TRIPLICATE

Lead Office **UTAH**
to **09834**

FAT.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

JULY 6 19**55**

Well No. **1** is located **990** ft. from **N** line and **660** ft. from **W** line of sec. **6**

LOT 4 (NW1/4) SEC. 6 **21 SOUTH 23 EAST** **SALT LAKE**
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
CINCO **GARFIELD** **UTAH**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4727** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PLAN TO RUN INTERMEDIATE 8" CASING STRING TO 1560' TO PREVENT CAME IN THE MORRISON FORMATION.

SANDOTA TOP 1427' BY SAMPLE.

MORRISON TOP 1467' BY SAMPLE.

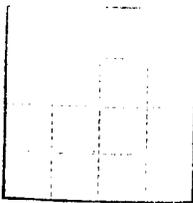
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TELEPHONE COMPANY**

Address **502 SOUTH GREAT LIFE BUILDING**
MURKIN, TEXAS

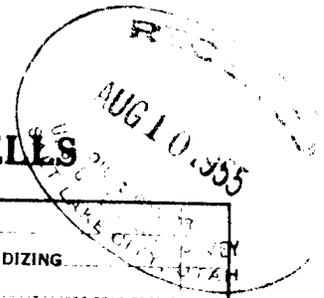
By **E. L. Helms**
E. L. HELMS
Title **ENGINEER**

Approved **[Signature]**
District Engineer



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NIT ATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Office UTAH
Use No. 09834
Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 6, 1955

Well No. 1 is located 990 ft. from N line and 660 ft. from W line of sec. 6

LOT 4 (NW/4) SEC. 6 21 S 23 E SALT LAKE
(1/4 Sec. and 1 Sec. No.) (Twp.) (Range) (Meridian)
WILLCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

WELL PLUGGING PROGRAM

1862' TOTAL DEPTH

1862' TO 1672' WITH 60 SACS.

1427' TO 1377' WITH 25 SACS.

225' TO 175' WITH 25 SACS.

SURFACE PLUG WITH 10 SACS.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXAS OIL COMPANY

Address 902 SOUTH OREGON LIFE BLDG.

HOUSTON, TEXAS

By G. L. Helms
G. L. HELMS

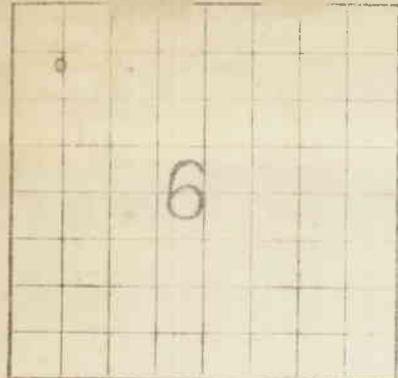
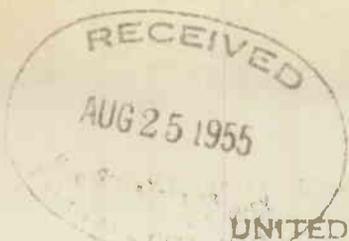
Title CONSULTING GEOLOGIST

Approved AUG 11 1955

D. T. Howell
District Engineer

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Form No. 42-R-309.3
Expires 12-31-55
UTAH
OFFICIAL NUMBER 09834
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company TEXAM OIL COMPANY Address 902 SOUTH COAST LIFE BUILDING HOUSTON, TEXAS
Lessor or Tract _____ Field WILDCAT State UTAH
Well No. 1 Sec. 6 T 21S R 23E Meridian SALT LAKE County GRAND +4622
Location 990 ft. ^N of S Line and 660 ft. ^W of E Line of SECTION 6 Elevation 4721
(Check Box relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed G. L. Helms
Date AUGUST 22, 1955 Title CONSULTING GEOLOGIST

The summary on this page is for the condition of the well at above date.
Commenced drilling JUNE 15, 1955 Finished drilling AUGUST 13, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
ESTIMATE 40,000 CUBIC FEET PER DAY.
No. 1, from 1703 to 1715 G No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1852 to 1862 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>10-3/4"</u>				<u>216' 1/2</u>	<u>1568'</u>	<u>PULLED</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud grade	Amount of mud used
	<u>1862-1872</u>	<u>50 SACKS</u>			
	<u>1427-1377</u>	<u>25 SACKS</u>			
	<u>225-175</u>	<u>25 SACKS</u>			
	<u>SURFACE</u>	<u>10 SACKS</u>			

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SHOOTING RECORD

Shell used	Explosive used	Quantity	Date	Shot	Depth	Shot

TOOLS USED

Regular tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Special tools were used from 0 feet to 1867 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which 100% was oil; 100% water, and _____% sediment

If gas well, cu. ft. per 24 hours _____ Gasoline soluble per 1,000 cu. ft. of gas _____

Back pressure lbs. per sq. in. _____

EMPLOYEES

Driller John M. Moore
 Driller _____

FORMATION RECORD

FROM	TO	LOCAL FEET	FORMATION
WELL STARTED IN LOWER HALF OF MANCOS SHALE (UPPER CRETACEOUS).			
40	1000	960	GRAY TO BLACK SHALE, SLIGHTLY SILTY, TRACE OF BENTONITE.
1004	1048	44	GRAY-BLACK LIME MARINE SHALE.
1048	1053	5	AS ABOVE, SLIGHTLY SILTY.
1053	1065	12	GRAY-BLACK LIME MARINE SHALE.
1065	1071	6	AS ABOVE, SLIGHTLY SILTY.
1071	1123	52	GRAY-BLACK LIME MARINE SHALE, TRACE PYRITE.
1123	1136	13	GRAY SHALE, MORE LIMY.
1136	1164	28	AS ABOVE, SLIGHTLY SILTY.
1164	1172	12	GRAY SHALE, LIME, BENTONITE.
1172	1180	8	GRAY SHALE, LIME, PYRITE.
1180	1192	14	GRAY SHALE AND GRAY LIME SILTSTONE.
1192	1204	12	GRAY SHALE, LIME.
1204	1231	27	GRAY LIME SHALE, SLIGHTLY SILTY.
1231	1237	6	GRAY SHALE, SILTY.
1237	1279	42	GRAY SHALE, LIME.
1279	1291	12	BENTONITIC SHALE, LIGHT GRAY.
1291	1297	6	GRAY SHALE.
1297	1323	26	GRAY SHALE, SILTY, LIMY.
1323	1328	5	BLACK SHALE AND VERY FINE GRAINED SANDSTONE, GLAUCONITIC.
1328	1334	6	VERY FINE GRAINED SANDSTONE, GLAUCONITIC.
1334	1353	9	BLACK SHALE AND SANDSTONE AS ABOVE.

(OVER)

FORMATION RECORD - Continued

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UTAH
05834

FORMATION RECORD - Continued

FROM	TO	TOTAL FEET	FORMATION
1334	1334	0	UPPER SHALE AND SANDSTONE VS. SHALE
1353	1417	64	BLACK SHALE.
1417	1423	6	BENTONITE, LIGHT GRAY.
1423	1427	4	BENTONITE AND BLACK SHALE, CHEVISED SANDSTONE
1501	1427	50	TOP OF DAKOTA
1427	1435	8	BLACK SHALE, MEDIUM SANDSTONE.
1435	1442	7	SILTSTONE.
1442	1458	26	LIGHT GRAY BENTONITIC SHALE.
1507	1467	50	SAMPLE TOP OF MORRISON
1467	1477	10	LIGHT GREEN-BLUE BENTONITIC SHALE.
1477	1493	17	AS ABOVE, CLEAN QUARTZ SAND.
1493	1514	23	LIGHT GREEN-BLUE BENTONITIC SHALE.
1514	1520	6	DARKER GREEN SHALE, OCCASIONAL RED SPECKLES.
1520	1528	8	RED AND GREEN VARIEGATED SHALE, AMBER CHERT.
1528	1542	14	RED AND GREEN VARIEGATED SHALE, RED AND AMBER CHERT.
1542	1550	8	VARIEGATED SHALE, LIGHT GREEN.
1550	1556	6	VARIEGATED SHALE, LOOSE SANDGRAINS.
1556	1561	5	VARIEGATED SHALE AND WHITE LIMESTONE.
1561	1585	24	RED SHALE WITH LIMESTONE.
1585	1595	10	CONGLOMERATE SANDSTONE, LIGHT QUARTZ
1595	1615	20	LAVENDER SHALE.
1615	1660	45	RED SILTY SHALE AND VERY FINE GRAINED SANDSTONE.
1660	1670	10	GRAY SHALE, GLAUCONITE.
1670	1680	10	GRAY-GREEN SHALE.
1680	1710	30	SANDSTONE, GLAUCONITIC, FINE GRAINED TO VERY FINE GRAINED, CHERT, DEAD OIL STAIN.
1710	1720	10	CONGLOMERATE SANDSTONE AND RED VARIEGATED SHALE.
1720	1730	10	VARIEGATED SHALE, CHERT.
1730	1770	40	RED SILTY SHALE.
1770	1780	10	GRAY-GREEN LIMESTONE.
1780	1830	50	GREEN SHALE, MEDIUM.
1830	1850	20	SANDSTONE, FINE TO MEDIUM, DEAD OIL, SUB-ROUNDED TO ANGULAR.
1850	1850	0	TOP OF CANADA
1850	1867	17	SANDSTONE, ANGULAR, EOLIAN, FROSTED SURFACE.
1867	1867	0	MUDDING AND TOTAL DEPTH.

WHOLE LOG RECORD

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STANDARD NOTICES AND REPORTS ON WELLS

PRELIMINARY REPORT OF WATER SHUT OFF	13
PRELIMINARY REPORT OF SCREENING OR SCREENING	
PRELIMINARY REPORT OF ALTERING CASING	
PRELIMINARY REPORT OF RE-DRILLING OR REPAIR	X
PRELIMINARY REPORT OF ABANDONMENT	
PRELIMINARY WELL HISTORY	

(DATE ABOVE IS PLACE MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 5, 1956

Well is located 990 ft. from $\begin{matrix} N \\ S \end{matrix}$ line and 660 ft. from $\begin{matrix} E \\ W \end{matrix}$ line of sec. 6
 Lot 4, (NE $\frac{1}{4}$ NW $\frac{1}{4}$) Sec. 6 21S 23E Salt Lake
 (Section No.) (Twp.) (Range) (Meridian)
 Wildcat Grand Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4727 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PLUGGING RECORD

1862'-1672' with 60 sacks
 1427'-1377' with 25 sacks
 225'- 175' with 25 sacks
 Surface with 10 sacks

Date of final plugging - August 13, 1955

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Texas National Petroleum Co. (formerly Texaco Oil & Gas Co.)
 Address 902 So. Coast Life Bldg.
Houston 2, Texas

[Handwritten signature]
 August 13, 1955
 District Engineer

By W. T. Withers
 Title Engineer

13-01-115485